

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106249

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79801
Calibratation STD Hexa Chrome 0.5 PPM	WP79802
Calibration Std. hexchrome 0.1 ppm	WP79807
Calibration Std. hexchrome 0.05 ppm	WP79806
calibration std. hexchrome 0.01 ppm	WP79805
calibration std. hexchrome 0 ppm	WP79804
Hexavalent Chromium ICV Std.	WP79812
Hexavalent Chromium CCV Std	WP79808
Hexavalent Chromium LCS Std	WP79813
hexavalent chromium color reagent	WP79814
0.2N SULFURIC ACID	WP79785
Calibration std Hexachrome, 0.025ppm	WP79803

Intercept: -0.0007

Slope: 0.7972

Regression: 0.999994

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		1.69	0.000	0.000	0.000	11/13/2019	08:32
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	11/13/2019	08:32
3	CAL3	0.025	1	100	100		1.89	0.000	0.020	0.020	11/13/2019	08:33
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	11/13/2019	08:33
5	CAL5	0.1	1	100	100		1.75	0.000	0.077	0.077	11/13/2019	08:34
6	CAL6	0.5	1	100	100		1.85	0.000	0.397	0.397	11/13/2019	08:34
7	CAL7	1	1	100	100		2.06	0.000	0.797	0.797	11/13/2019	08:35



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.89	0.000	0.381	0.381	0.479	11/13/2019	08:35
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.001	11/13/2019	08:36
3	CCV1	0.5	1	100	100		1.98	0.000	0.377	0.377	0.474	11/13/2019	08:36
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.001	11/13/2019	08:37
5	LB106249BL		1	100	100		1.85	0.000	0.000	0.000	0.001	11/13/2019	08:37
6	LB106249BS	0.5	1	100	100		2.13	0.000	0.367	0.367	0.461	11/13/2019	08:38
7	K5804-01		1	100	100		1.88	0.007	0.008	0.001	0.002	11/13/2019	08:38
8	K5804-04		1	100	100		2.13	0.002	0.003	0.001	0.002	11/13/2019	08:39
9	K5804-04DUP		1	100	100		1.98	0.002	0.003	0.001	0.002	11/13/2019	08:40
10	K5804-04MS	1	2	100	100		2.10	0.003	0.365	0.362	0.455	11/13/2019	08:41
11	K5804-04MSD	1	2	100	100		1.75	0.003	0.366	0.363	0.456	11/13/2019	08:42
12	CCV2	0.5	1	100	100		2.06	0.000	0.378	0.378	0.475	11/13/2019	08:43
13	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.001	11/13/2019	08:43

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX111319 WorkList ID : 133197 Department : Wet-Chemistry Date : 11-13-2019 09:22:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/13/2019	Water	K5804-01 H	Hexavalent Chromium	Cool 4 deg C	PBST01	GE-MW-58-1S	GE-MW-58-1S	11/12/2019	SM3500-Cr B
11/13/2019	Water	K5804-04 H	Hexavalent Chromium	Cool 4 deg C	PBST01	TE-MW-QA-2	TE-MW-QA-2	11/12/2019	SM3500-Cr B

Date/Time 11/13/19 08:00
 Received by: KS
 Relinquished by: JP

Date/Time 11/13/19 08:45
 Received by: JP
 Relinquished by: KS